

L Number	Hits	Search text	B	Time stamp
-	76	345/176.ccls.	USPAT; EPO; JPO	2003/07/07 11:00
-	49	345/76.ccls. and EL adj device	USPAT; EPO; JPO	2003/07/07 11:01
-	586	345/76.ccls.	USPAT; EPO; JPO	2003/07/07 11:01
-	30	345/76.ccls. and EL adj device and drive	USPAT; EPO; JPO	2003/07/07 11:01
-	5	345/76.ccls. and EL adj device and drive and IC	USPAT; EPO; JPO	2003/07/07 11:02
-	4	345/76.ccls. and EL adj device and drive and IC and output	USPAT; EPO; JPO	2003/07/07 11:02
-	3	345/76.ccls. and EL adj device and drive and IC and output and input	USPAT; EPO; JPO	2003/07/07 11:02
-	3	345/76.ccls. and EL adj device and drive and IC and output and input and terminal	USPAT; EPO; JPO	2003/07/07 11:03
-	3	345/76.ccls. and EL adj device and drive and IC and output and input and terminal and control\$4	USPAT; EPO; JPO	2003/07/07 11:04
-	5	EL adj device and drive and IC and output and input and terminal and control\$4 and AC and power and voltage	USPAT; EPO; JPO	2003/07/07 11:05
-	5	EL adj device and drive and IC and output and input and terminal and control\$4 and AC and power and voltage and electrode\$1	USPAT; EPO; JPO	2003/07/07 11:05
-	5	EL adj device and drive and IC and output and input and terminal and control\$4 and AC and power and voltage and electrode\$1 and first	USPAT; EPO; JPO	2003/07/07 11:05
-	4	EL adj device and drive and IC and output and input and terminal and control\$4 and AC and power and voltage and electrode\$1 and first and second	USPAT; EPO; JPO	2003/07/07 11:06
-	2	EL adj device and drive and IC and output and input and terminal and control\$4 and AC and power and voltage and electrode\$1 and first and second and ground	USPAT; EPO; JPO	2003/07/07 11:06
-	1	EL adj device and drive and IC and output and input and terminal and control\$4 and AC and power and voltage and electrode\$1 and first and second and ground and phase	USPAT; EPO; JPO	2003/07/07 11:06
-	1	EL adj device and drive and IC and output and input and terminal and control\$4 and AC and power and voltage and electrode\$1 and first and second and ground and phase and shifted	USPAT; EPO; JPO	2003/07/07 11:07
-	1	EL adj device and drive and IC and output and input and terminal and control\$4 and AC and power and voltage and electrode\$1 and first and second and ground and phase and shifted	USPAT; EPO; JPO	2003/07/07 11:07
-	1	EL adj device and AC and power and phase adj shift	USPAT; EPO; JPO	2003/07/07 11:32
-	1	EL adj device and AC and phase and shift and "180" and degrees	USPAT; EPO; JPO	2003/07/07 11:33
-	654	AC and phase adj shift and "180" adj degrees	USPAT; EPO; JPO	2003/07/07 11:34
-	12	AC and phase adj shift and "180" adj degrees and EL	USPAT; EPO; JPO	2003/07/07 11:35
-	1	5084801.pn.	USPAT; EPO; JPO	2003/07/07 11:38
-	81	EL adj device and fluorescent and dielectric and electrodes and AC	USPAT; EPO; JPO	2003/07/08 12:09
-	80	EL adj device and fluorescent and dielectric and electrodes and AC and voltage	USPAT; EPO; JPO	2003/07/07 17:55
-	1	EL adj device and fluorescent and dielectric and electrodes and AC and voltage and return and connect\$3	USPAT; EPO; JPO	2003/07/07 17:57

Search History 5/20/04 11:57:04 AM Page 1

C:\APPS\EAST\Workspaces\09844275 devicxe and method for driving EL device.wsp

-	4	EL adj device and fluorescent and dielectric and electrodes and AC and voltage and phase and shift	USPAT; EPO; JPO	2003/07/07 18:17
-	13	EL adj device and fluorescent and dielectric and electrodes and AC and voltage and ground	USPAT; EPO; JPO	2003/07/08 08:35
-	2	EL adj device and fluorescent and dielectric and electrodes and AC and voltage and ground and IC	USPAT; EPO; JPO	2003/07/07 18:19
-	142	EL adj device and fluorescent and dielectric and electrodes	USPAT; EPO; JPO	2003/07/07 18:29
-	62	EL adj device and electrodes and AC and voltage and ground	USPAT; EPO; JPO	2003/07/08 08:43
-	3	EL adj device and electrodes and AC and voltage and ground and long adj life	USPAT; EPO; JPO	2003/07/08 09:16
-	3	EL adj device and electrodes and AC and ground and long adj life	USPAT; EPO; JPO	2003/07/09 08:39
-	213	EL adj device and electrodes and AC	USPAT; EPO; JPO	2003/07/08 12:09
-	3	EL adj device and electrodes and AC and dual and power adj supply	USPAT; EPO; JPO	2003/07/08 12:12
-	63	EL adj device and electrodes and AC and power adj suppl\$3	USPAT; EPO; JPO	2003/07/09 08:57
-	14	EL adj device and electrodes and AC and power adj suppl\$3 and shift adj register	USPAT; EPO; JPO	2003/07/08 13:13
-	4	EL adj device and electrodes and AC and power adj suppl\$3 and IC and ground	USPAT; EPO; JPO	2003/07/08 15:54
-	3	EL adj device and electrodes and AC and ground and long adj life and IC	USPAT; EPO; JPO	2003/07/09 09:44
-	5	EL adj device and electrodes and AC and power adj suppl\$3 and IC	USPAT; EPO; JPO	2003/07/09 08:57
-	3	EL adj device and electrodes and AC and ground and long adj life and IC and current	USPAT; EPO; JPO	2003/07/09 09:44
-	277	EL and display and power adj supplies	USPAT; EPO; JPO	2003/12/28 14:55
-	74	EL and display and power adj supplies and IC\$3	USPAT; EPO; JPO	2003/12/28 14:55
-	73	EL and display and power adj supplies and IC\$3 and driv\$4	USPAT; EPO; JPO	2003/12/28 14:55
-	21	EL and display and power adj supplies and IC\$3 and driv\$4 and electrode\$1 and connect\$4 and input	USPAT; EPO; JPO	2003/12/28 14:57
-	19	EL and display and power adj supplies and IC\$3 and driv\$4 and electrode\$1 and connect\$4 and input and terminal	USPAT; EPO; JPO	2003/12/28 14:58
-	19	EL and display and power adj supplies and IC\$3 and driv\$4 and electrode\$1 and connect\$4 and input and terminal\$1	USPAT; EPO; JPO	2003/12/28 14:58
-	13	EL and display and power adj supplies and IC\$3 and driv\$4 and electrode\$1 and connect\$4 and input and terminal\$1 and AC	USPAT; EPO; JPO	2003/12/28 15:41
-	928	EL and one adj electrode	USPAT; EPO; JPO	2003/12/28 15:42
-	812	EL and one adj electrode and connect\$4	USPAT; EPO; JPO	2003/12/28 15:42
-	8	EL and one adj electrode and connect\$4 and driv\$4 adj IC and second adj electrode	USPAT; EPO; JPO	2003/12/28 15:44
-	1	EL and one adj electrode and connect\$4 and driv\$4 adj IC and second adj electrode and connect\$4 and IC and power adj supplies and connect\$4	USPAT; EPO; JPO	2003/12/28 15:47
-	1	EL and one adj electrode and connect\$4 and driv\$4 adj IC and second adj electrode and connect\$4 and IC and power adj supplies and connect\$4 and electrode	USPAT; EPO; JPO	2003/12/28 15:47

-	1	EL and one adj electrode and connect\$4 and driv\$4 adj IC and second adj electrode and connect\$4 and IC and power adj supplies and connect\$4 and electrode and IC	USPAT; EPO; JPO	2003/12/29 10:47
-	8	EL and one adj electrode and connect\$4 and driv\$4 adj IC and second adj electrode and connect\$4 and IC	USPAT; EPO; JPO	2003/12/28 16:15
-	8	EL and one adj electrode and connect\$4 and driv\$4 adj IC\$1 and second adj electrode and connect\$4 and IC\$1	USPAT; EPO; JPO	2003/12/28 15:51
-	24	EL and one adj electrode and connect\$4 and driv\$4 adj IC	USPAT; EPO; JPO	2003/12/28 16:01
-	12	EL and one adj electrode and connect\$4 and driv\$4 adj ICs	USPAT; EPO; JPO	2003/12/29 10:49
-	1	EL and one adj electrode and connect\$4 and driv\$4 adj IC and second adj electrode and connect\$4 and IC and power adj supplies	USPAT; EPO; JPO	2004/05/19 10:20
-	11	EL and first adj electrode and connect\$4 and driv\$4 adj ICs and second adj electrode and connect\$4 and ICs	USPAT; EPO; JPO	2003/12/28 16:18
-	1	EL and one adj electrode and connect\$4 and driv\$4 adj IC and second adj electrode and connect\$4 and IC and power adj supplies and power adj supplies	USPAT; EPO; JPO	2003/12/28 16:18
-	3	EL and first adj electrode and connect\$4 and driv\$4 adj ICs and second adj electrode and connect\$4 and ICs and power and supplies	USPAT; EPO; JPO	2003/12/28 16:33
-	3	EL and first adj electrode and connect\$4 and driv\$4 adj ICs and second adj electrode and connect\$4 and ICs and power adj sources	USPAT; EPO; JPO	2003/12/28 16:33
-	2	4,208,869.pn.	USPAT; EPO; JPO	2003/12/29 08:43
-	1	4,208,869.pn. and AC	USPAT; EPO; JPO	2003/12/29 08:43
-	1	4,208,869.pn. and AC and power and supplies	USPAT; EPO; JPO	2003/12/29 08:43
-	1	4,982,183.pn. and AC	USPAT; EPO; JPO	2003/12/29 10:17
-	1	EL and one adj electrode and connect\$4 and driv\$4 adj IC and second adj electrode and connect\$4 and IC and power adj supplies and connect\$4 and electrode and IC and AC	USPAT; EPO; JPO	2003/12/29 10:48
-	6	EL and one adj electrode and connect\$4 and driv\$4 adj ICs and AC	USPAT; EPO; JPO	2003/12/29 10:50
-	3	EL and one adj electrode and connect\$4 and driv\$4 adj ICs and alternating	USPAT; EPO; JPO	2003/12/29 10:50
-	3	EL and one adj electrode and connect\$4 and driv\$4 adj ICs and alternating and off	USPAT; EPO; JPO	2003/12/29 10:51
-	3	EL and one adj electrode and connect\$4 and driv\$4 adj ICs and alternating and off	USPAT; EPO; JPO	2003/12/29 10:52
-	0	EL and one adj electrode and connect\$4 and driv\$4 adj IC and second adj electrode and connect\$4 and IC and power adj supplies adj AC and waveform adj sinusoidal	USPAT; EPO; JPO	2004/05/19 10:21
-	0	EL and power adj supplies adj AC and waveform adj sinusoidal	USPAT; EPO; JPO	2004/05/19 10:21
-	70	EL and power adj supplies and AC and waveform and sinusoidal	USPAT; EPO; JPO	2004/05/19 10:22
-	0	EL and power adj supplies and AC and waveform and sinusoidal and reverse adj polarity adj current	USPAT; EPO; JPO	2004/05/19 10:22

-	2	EL and power adj supplies and AC and waveform and sinusoidal and reverse adj polarity and current	USPAT; EPO; JPO	2004/05/19 10:22
-	0	EL and power adj supplies and AC and waveform and sinusoidal and reverse adj polarity and current and one adj electrode and connect\$4 and driv\$4 adj IC and second adj electrode and connect\$4 and IC	USPAT; EPO; JPO	2004/05/19 10:22
-	0	EL and power adj supplies and AC and waveform and sinusoidal and one adj electrode and connect\$4 and driv\$4 adj IC and second adj electrode and connect\$4 and IC	USPAT; EPO; JPO	2004/05/19 10:23
-	0	EL and power adj supplies and AC and waveform and sinusoidal and first adj electrode and connect\$4 and driv\$4 adj IC and second adj electrode and connect\$4 and IC	USPAT; EPO; JPO	2004/05/19 10:23
-	1	EL and power adj supplies and AC and waveform and sinusoidal and first adj electrode and connect\$4 and driv\$4 and IC and second adj electrode and connect\$4 and IC	USPAT; EPO; JPO	2004/05/19 15:12
-	1	(EL or electroluminescent) and power adj supplies and AC and waveform and sinusoidal and first adj electrode and connect\$4 and driv\$4 and IC and second adj electrode and connect\$4 and IC	USPAT; EPO; JPO	2004/05/19 10:31
-	0	(EL or electroluminescent) adj display and power adj supplies and AC and waveform and sinusoidal and first adj electrode and connect\$4 and driv\$4 and IC and second adj electrode and connect\$4 and IC	USPAT; EPO; JPO	2004/05/19 10:31
-	75	(EL or electroluminescent) adj display and power adj supplies	USPAT; EPO; JPO	2004/05/19 10:49
-	35	(EL or electroluminescent) adj display and power adj supplies and AC	USPAT; EPO; JPO	2004/05/19 10:32
-	1	(EL or electroluminescent) adj display and power adj supplies and AC and waveform and sinusoidal and IC	USPAT; EPO; JPO	2004/05/19 10:33
-	1	(EL or electroluminescent) adj display and power adj supplies and AC and waveform and sinusoidal and IC and first and second	USPAT; EPO; JPO	2004/05/19 10:34
-	0	(EL or electroluminescent) adj display and power adj supplies and AC and waveform and sinusoidal and IC and first and second and electrode\$1	USPAT; EPO; JPO	2004/05/19 10:34
-	0	(EL or electroluminescent) adj display and power adj supplies and AC and waveform and sinusoidal and IC and first and second and substrate\$1	USPAT; EPO; JPO	2004/05/19 10:35
-	1	(EL or electroluminescent) adj display and power adj supplies and AC and waveform and sinusoidal and IC and first and second and driver	USPAT; EPO; JPO	2004/05/19 10:35
-	4	(EL or electroluminescent) adj display and power adj supplies and AC and waveform and sinusoidal	USPAT; EPO; JPO	2004/05/19 10:51
-	0	(EL or electroluminescent) adj display and two adj power adj supplies	USPAT; EPO; JPO	2004/05/19 10:50
-	67	(EL or electroluminescent) adj display and two and power adj supplies	USPAT; EPO; JPO	2004/05/19 10:50
-	67	(EL or electroluminescent) adj display and (two and power adj supplies)	USPAT; EPO; JPO	2004/05/19 10:50
-	0	(EL or electroluminescent) adj display and (power and two adj supplies)	USPAT; EPO; JPO	2004/05/19 10:50

-	0	(EL or electroluminescent) adj display and (power and (two or dual) adj supplies)	USPAT; EPO; JPO	2004/05/19 10:51
-	1	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and waveform and sinusoidal	USPAT; EPO; JPO	2004/05/19 15:15
-	16	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC	USPAT; EPO; JPO	2004/05/19 11:20
-	0	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and first adj electrode and connect\$4 and driv\$4 adj IC and second adj electrode and connect\$4 and IC	USPAT; EPO; JPO	2004/05/19 11:19
-	3	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and first adj electrode	USPAT; EPO; JPO	2004/05/19 11:19
-	0	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and first adj electrode and second and driv\$6 adj ICs	USPAT; EPO; JPO	2004/05/19 11:20
-	15	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and driv\$9	USPAT; EPO; JPO	2004/05/19 11:20
-	0	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and driv\$9 adj IC	USPAT; EPO; JPO	2004/05/19 11:20
-	4	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and driv\$9 adj (IC or integrated adj circuits)	USPAT; EPO; JPO	2004/05/19 11:21
-	4	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and driv\$9 adj (IC or integrated adj circuits) and electrode\$1	USPAT; EPO; JPO	2004/05/19 11:21
-	4	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and driv\$9 adj (IC or integrated adj circuits) and electrode\$1 and connect\$4	USPAT; EPO; JPO	2004/05/19 11:22
-	4	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and driv\$9 adj (IC or integrated adj circuits) and electrode\$1 and connect\$4 and first	USPAT; EPO; JPO	2004/05/19 11:22
-	2	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and driv\$9 adj (IC or integrated adj circuits) and electrode\$1 and connect\$4 and first and second and waveform	USPAT; EPO; JPO	2004/05/19 11:22
-	0	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and driv\$9 adj (IC or integrated adj circuits) and electrode\$1 and connect\$4 and first and second and waveform and sinusoidal	USPAT; EPO; JPO	2004/05/19 11:23
-	2	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and driv\$9 adj (IC or integrated adj circuits) and electrode\$1 and connect\$4 and first and second and waveform and sine	USPAT; EPO; JPO	2004/05/19 11:23
-	4	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and driv\$9 adj (IC or integrated adj circuits) and electrode\$1 and connect\$4 and first and second	USPAT; EPO; JPO	2004/05/19 14:30
-	4	5,847,516.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/19 11:54

-	0	5,847,516.pn. and AC adj power adj supply	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 11:54
-	0	5,847,516.pn. and AC adj power	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 11:54
-	0	5,847,516.pn. and AC and (sine or sinusoidal)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 11:55
-	1	5,847,516.pn. and AC	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 11:55
-	2	4,982,183.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 12:59
-	1	4,982,183.pn. and IC	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 14:29
-	1	4,982,183.pn. and IC and AC	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/19 14:29
-	2	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and driv\$9 adj (IC or integrated adj circuits) and electrode\$1 and connect\$4 and first and second and sine	USPAT; EPO; JPO	2004/05/19 15:16
-	2	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and driv\$9 adj (IC or integrated adj circuits) and electrode\$1 and connect\$4 and first and second and (sine or sinusoidal)	USPAT; EPO; JPO	2004/05/19 14:31
-	3	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and first adj electrode and second	USPAT; EPO; JPO	2004/05/19 15:16
-	1	(EL or electroluminescent) adj display and power adj supplies and AC and waveform and sinusoidal and IC and first	USPAT; EPO; JPO	2004/05/19 15:10
-	0	(EL or electroluminescent) adj display and dual adj power adj supplies and AC and waveform and sinusoidal and IC and first	USPAT; EPO; JPO	2004/05/19 15:10
-	0	(EL or electroluminescent) adj display and dual and power adj supplies and AC and waveform and sinusoidal and IC and first	USPAT; EPO; JPO	2004/05/19 15:10
-	5	EL adj device and drive and IC and output and input and terminal and control\$4 and AC and power	USPAT; EPO; JPO	2004/05/19 15:10
-	1	(EL or electroluminescent) adj display and power adj supplies and AC and waveform and sinusoidal and IC and first	USPAT; EPO; JPO	2004/05/19 15:11
-	0	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and waveform and sinusoidal and phase	USPAT; EPO; JPO	2004/05/19 15:15

-	0	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and first adj electrode and second and phase	USPAT; EPO; JPO	2004/05/19 15:16
-	2	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and driv\$9 adj (IC or integrated adj circuits) and electrode\$1 and connect\$4 and first and second and sine and phase	USPAT; EPO; JPO	2004/05/19 16:30
-	2	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and driv\$9 adj (IC or integrated adj circuits) and sine and phase	USPAT; EPO; JPO	2004/05/19 16:31
-	2	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and driv\$9 adj (IC or integrated adj circuits) and sine	USPAT; EPO; JPO	2004/05/19 16:32
-	4	(EL or electroluminescent) adj display and (dual and power adj supplies) and AC and driv\$9 adj (IC or integrated adj circuits)	USPAT; EPO; JPO	2004/05/19 16:36
-	2	(EL or electroluminescent) adj display and (dual and power adj supplies and AC) and (sine adj wave or sinusoidal)	USPAT; EPO; JPO	2004/05/19 16:37
-	4	(EL or electroluminescent) adj display and (two and power adj supplies and AC) and (sine adj wave or sinusoidal)	USPAT; EPO; JPO	2004/05/20 10:15
-	4	5,847,516.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/20 08:22
-	0	5,847,516.pn. and (sinusoidal or sine)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/20 08:23
-	1	5,847,516.pn. and AC	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/05/20 08:23
-	7	(EL or electroluminescent) adj display and (two and power adj supplies and AC) and (sine adj wave or sinusoidal)	USPAT; EPO; JPO	2004/05/20 10:15